

SMALL ENTITY DECLARATION



APPLICANT OR PATENTEE Bioxid Oy

SERIAL NO. 09/446,630 □ PATENT NO. _____ DOCKET NO. TUR-087

(Check one

of blocks

1 or 2)

1. FILED OR ISSUED December 23, 1999

2. SUBMITTED HEREWITH _____

FOR Novel plastic based composite and its use
(Insert Title)

I(we) hereby declare that I(we) am(are) entitled to the benefit of small entity status with respect to the above-identified application or patent for purposes of paying reduced fees under 35 USC 41(a) & (b) to the U.S. Patent and Trademark Office.

A. INDEPENDENT INVENTOR

I(we) qualify as (an) independent inventor(s) as defined in 37 CFR 1.9(c).

B. INDIVIDUAL NON-INVENTOR

I would qualify as an independent inventor as defined in 37 CFR 1.9(c) if I had made the invention.

C. SMALL BUSINESS CONCERN

I am THE OWNER AN OFFICIAL of the small business concern identified below and am empowered to act on behalf of the concern. The concern qualifies under 37 CFR 1.9(d) and 13 CFR 121.1301-1305. Rights under contract or law have been conveyed to and remain with the concern and are exclusive unless a checkmark is placed here . All other rights belong to small entities as defined in 37 CFR 1.9.

D. NON-PROFIT ORGANIZATION

I am an official am empowered to act on behalf of the non-profit organization identified below. The organization qualifies under 37 CFR 1.9(e), sub section: (1) (2) (3) (4). Rights under contract or law have been conveyed to and remain with the organization and are exclusive unless a checkmark is placed here . All other rights belong to small entities as defined in 37 CFR 1.9.

I(we) acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I(we) declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

A. INDEPENDENT INVENTOR(S)

B. INDIVIDUAL NON-INVENTORS

Name	Signature	Date
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Name	Signature	Date
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Name	Signature	Date
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C. BUSINESS CONCERN

D. NON-PROFIT ORGANIZATION

<u>Bioxid Oy</u>	<u>Köydenpunojankatu 2 B 5, FIN-20300 Turku,</u>
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Name of Concern or Organization	Address Finland
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<u>Harry Jalonen</u>	Signature
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Name of Person Signing	Signature
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<u>Chairman</u>	Date
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Title	Date
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SMALL ENTITY DECLARATION



APPLICANT OR PATENTEE JVS-Polymers Oy

SERIAL NO. 09/446,630 PATENT NO. _____ DOCKET NO. TUR 1087

(Check one

of blocks

For 2)

1. FILED OR ISSUED December 23, 1999

2. SUBMITTED HEREWITH _____

FOR Novel plastic based composite and its use
(Insert Title)

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B. INDIVIDUAL NON-INVENTOR

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I(we) declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

A. INDEPENDENT INVENTOR(S)

B. INDIVIDUAL NON-INVENTORS

Name _____ Signature _____ Date _____

Name _____ Signature _____ Date _____

Name _____ Signature _____ Date _____

C. BUSINESS CONCERN

D. NON-PROFIT ORGANIZATION

JVS-Polymers Oy _____ Mäkipellontie 18 C, FIN-00320 Helsinki,

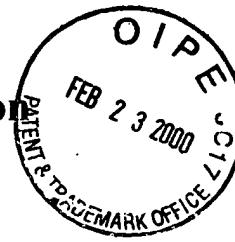
Name of Concern or Organization _____ Address _____ Finland

Jukka Seppälä _____ Signature _____

Name of Person Signing _____

Chairman of the board _____ Date _____

Title _____

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled (INSERT TITLE) NOVEL PLASTIC BASED COMPOSITE AND ITS USE

the specification of which

(Check one of
1, 2, or 3.)

1. is attached hereto.
2. X was filed on 6 July 1998 as
International PCT Application Serial No. PCT/FI98/00572
and was amended on 23 December 1999
(if applicable)
3. was filed on _____ as
U.S. Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed:

(List prior foreign applications.)	972890	Finland	8/7/97	Priority Claimed
	(Number)	(Country)	(Day/Month/Year Filed)	<u>XX</u> Yes <u> </u> No
	_____	_____	_____	_____ Yes <u> </u> No
	(Number)	(Country)	(Day/Month/Year Filed)	

 See attached list for additional prior foreign applications

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
--------------------------	---------------	----------

I hereby appoint as principal attorney James C. Lydon, Reg. No. 30,082 and Kevin C. Brown, Reg. No. 32,402.

Please direct all communications to the following address: James C. Lydon
Lydon & Brown, LLP
100 Daingerfield Road, Suite 100
Alexandria, Virginia 22314
Telephone: (703) 838-0445
Facsimile: (703) 838-0447

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor: Allan AHO

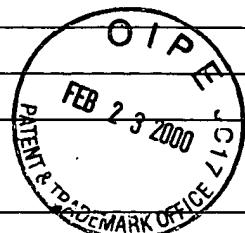
Inventor's Signature: _____ Date: _____

Residence: Yliopistonkatu 1 A 9, FIN-20100 Turku, Finland

Citizenship: Finnish

Post Office Address: same as residence

Full name of second inventor: Jukka SEPPÄLÄ
Inventor's Signature: Jukka Seppälä Date: 09 - Feb - 2000
Residence: Mäkipellontie 18 C, FIN-00320 Helsinki, Finland
Citizenship: Finnish
Post Office Address: same as residence



Full name of third inventor: Antti YLI-URPO
Inventor's Signature: _____ Date: _____
Residence: Värttinäkatu 17, FIN-20660 Littoinen, Finland
Citizenship: Finnish
Post Office Address: same as residence

Full name of fourth inventor: Jouni HEIKKILÄ
Inventor's Signature: _____ Date: _____
Residence: Vitanovantie 39, FIN-20900 Turku, Finland
Citizenship: Finnish
Post Office Address: same as residence

Full name of fifth inventor: Ilkka KANGASNIEMI
Inventor's Signature: _____ Date: _____
Residence: Köydenpunojankatu 2 B 5, FIN-20300 Turku, Finland
Citizenship: Finnish
Post Office Address: same as residence

Full name of sixth inventor: _____
Inventor's Signature: _____ Date: _____
Residence: _____
Citizenship: _____
Post Office Address: _____

Full name of seventh inventor: _____
Inventor's Signature: _____ Date: _____
Residence: _____
Citizenship: _____
Post Office Address: _____

Full name of eighth inventor: _____
Inventor's Signature: _____ Date: _____
Residence: _____
Citizenship: _____
Post Office Address: _____

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled (INSERT TITLE)

Novel plastic based composite and its use

the specification of which

(Check one of
1, 2, or 3.)

1. is attached hereto.
2. X was filed on 6 July 1998 as
International PCT Application Serial No. PCT/FI98/00572
and was amended on 23 December 1999.
(if applicable)
3. was filed on _____ as
U.S. Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed:

(List prior foreign applications.)	<u>972890</u> (Number)	<u>Finland</u> (Country)	<u>08/07/97</u> (Day/Month/Year Filed)	Priority Claimed
	_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<u>X</u> Yes <u> </u> No <u> </u> Yes <u> </u> No

____ See attached list for additional prior foreign applications

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____(Application Serial No.) _____(Filing Date) _____(Status)

I hereby appoint as principal attorneys James C. Lydon, Reg. No. 30,082 and Kevin C. Brown, Reg. No. 32,402.

Please direct all communications to the following address:

James C. Lydon
Lydon & Brown, LLP
100 Daingerfield Road
Suite 100
Alexandria, VA 22314
Telephone: (703) 838-0445
Facsimile: (703) 838-0447

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor: AHO, Allan

Inventor's Signature: Allan Aho

Date: 24.1.2000

Residence: Yliopistonkatu 1 A 9, FIN-20100 Turku, Finland

Citizenship: Finnish

Post Office Address: same as residence



Full name of second inventor: KERPPÄLÄ, Jukka

Inventor's Signature: Jukka K. Kerppälä

Residence: Mäkipellontie 18 C, FIN-00320 Helsinki, Finland

Citizenship: Finnish

Post Office Address: same as residence

Full name of third inventor: YLI-URPO, Antti

Inventor's Signature: Antti Yli-Urpo

Date: 29.11.1999

Residence: Värttinäkatu 17, FIN-20660 Luttoinen, Finland

Citizenship: Finnish

Post Office Address: same as residence

Full name of fourth inventor: HEIKKILÄ, Jouni

Inventor's Signature: Jouni Heikkilä

Date: 21.1.2000

Residence: Vitanovantie 39, FIN-20900 Turku, Finland

Citizenship: Finnish

Post Office Address: same as residence

Full name of fifth inventor: KANGASNIEMI, Ilkka

Inventor's Signature: Ilkka Kangasniemi

Date: 21.1.2000

Residence: Köydenpunojankatu 2 B 5, FIN-20300 Turku, Finland

Citizenship: Finnish

Post Office Address: same as residence

Full name of sixth inventor: _____

Inventor's Signature: _____ Date: _____

Residence: _____

Citizenship: _____

Post Office Address: same as residence

Full name of seventh inventor: _____

Inventor's Signature: _____ Date: _____

Residence: _____

Citizenship: _____

Post Office Address: same as residence

Full name of eighth inventor: _____

Inventor's Signature: _____ Date: _____

Residence: _____

Citizenship: _____

Post Office Address: same as residence

COPY

LYDON & BROWN, L.P.

Docket No. TUR-087

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) & Address(es))

Bioxid Oy and JVS Polymers Oy
Köydenpunojankatu 2 B 5 Mäkipellontie 18 C
FIN-20300 Turku FIN-00320 Helsinki
Finland Finland

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

NOVEL PLASTIC BASED COMPOSITE AND ITS USE

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

'filed on December 23, 1999, Serial No. 09/446,630.
(Lydon & Brown, L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

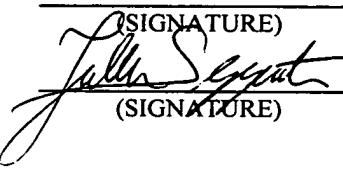
and all Letters Patent of the United States to be obtained thereof on said application or any continuation, divisional, substitute or reissue applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNEE agrees to execute all papers necessary in connection with the application and any continuation, divisional, substitute or reissue applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNEE agrees to execute all papers necessary in connection with any interference, reexamination, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional or substitute thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, reexamination, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>(SIGNATURE)</u>	Allan AHO (TYPE NAME)	(DATE)
 <u>(SIGNATURE)</u>	Jukka SEPPÄLÄ (TYPE NAME)	<u>09-Feb-2000</u> (DATE)
<u>(SIGNATURE)</u>	Antti YLI-URPO (TYPE NAME)	(DATE)
<u>(SIGNATURE)</u>	Jouni HEIKKILÄ (TYPE NAME)	(DATE)
<u>(SIGNATURE)</u>	Iikka KANGASNIEMI (TYPE NAME)	(DATE)
<u>(SIGNATURE)</u>	(TYPE NAME)	(DATE)

NO LEGALIZATION REQUIRED

COPY**U.S. ASSIGNMENT**

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(Insert ASSIGNEE's Name(s) & Address(es))

<u>Bioxid Oy</u>	<u>and</u>	<u>JVS-Polymers Oy</u>
<u>Köydenpunojankatu 2 B 5</u>		<u>Mäkipellontie 18 C</u>
<u>FIN-20300 Turku</u>		<u>FIN-00320 Helsinki</u>
<u>Finland</u>		<u>Finland</u>

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<u>Novel plastic based composite and its use</u>
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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Allan AHO</u> (SIGNATURE)	<u>24.1.2000</u> (DATE)
<u>Jukka SEPPÄLÄ</u> (SIGNATURE)	<u>29.11.1999</u> (DATE)
<u>Antti YLI-URPO</u> (SIGNATURE)	<u>21.1.2000</u> (DATE)
<u>Jouni HEIKKILÄ</u> (SIGNATURE)	<u>21.1.2000</u> (DATE)
<u>Ilkka KANGASNIEMI</u> (SIGNATURE)	<u>24.1.2000</u> (DATE)
 (SIGNATURE)	 (TYPE NAME)
 (SIGNATURE)	 (TYPE NAME)